

1 This listing of claims will replace all prior versions, and listings, of claims  
2 in the application.

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4 **Listing of Claims:**

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6 Claim 1 (Previously presented): A method for selecting a color map for  
7 use in printing a document, comprising:

8 obtaining color space information about the document;  
9 obtaining at least two color maps; and  
10 determining which of the at least two color maps will result in a printed  
11 document that is more consistent with the color space information and a desired  
12 rendering intent.

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14 Claim 2 (Original): The method of claim 1, wherein the at least two color  
15 maps are derived from color information obtained by sensors in a print path of a  
16 printer.

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18 Claim 3 (Original): The method of claim 1, wherein the determining step  
19 comprises:

20 analyzing a boundary of each color map; and  
21 performing a best-fit analysis with respect to the color space information.  
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1       **Claim 4 (Original):** The method of claim 3, wherein best-fit analysis  
2 comprises mean and maximum difference calculations on boundaries of a color  
3 space consistent with the color space information and a color space associated  
4 with each of the at least two color maps.

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6       **Claim 5 (Original):** The method of claim 3, wherein best-fit analysis is  
7 based on calculating and comparing volumes of a color space associated with the  
8 document and of a color space associated with each of the color maps.

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10       **Claim 6 (Original):** The method of claim 3, wherein best-fit analysis is  
11 based on determining a percentage of colors used by the document contained  
12 within each of the at least two color maps.

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14       **Claim 7 (Original):** The method of claim 3, wherein best-fit analysis is  
15 based on determining the percentage of the area of the document associated with  
16 colors contained within each of the color maps.

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18       **Claim 8 (Original):** The method of claim 1, additionally comprising:  
19 generating a custom gamut mapping.

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21       **Claim 9 (Original):** The method of claim 1, additionally comprising:  
22 previewing an approximation of a printed appearance of the document  
23 based on at least one of the at least two color maps.

1 Claim 10 (Original): The method of claim 1, additionally comprising:  
2 providing a preferences interface to an author, whereby the author may  
3 indicate a preferred rendering intent to constrain the determining step.

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5 Claim 11 (Original): The method of claim 1, wherein the desired  
6 rendering intent is based on an absolute colorimetric.

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8 Claim 12 (Previously presented): The method of claim 1, wherein the  
9 desired rendering intent is based on a perceptual rendering intent.

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11 Claim 13 (Original): The method of claim 1, additionally comprising  
12 locating the at least two color maps on a print server.

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14 Claim 14 (Original): The method of claim 1, additionally comprising  
15 locating the at least two color maps on individual printers.

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17 Claim 15 (Original): A method, comprising:  
18 obtaining color space information about a document;  
19 evaluating the color space information and at least two color maps; and  
20 determining which of the at least two color maps will result in a printed  
21 document more consistent with the color space information and a desired  
22 rendering intent.

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24 Claim 16 (Original): The method of claim 15, additionally comprising  
25 providing a library of color maps from which to select for the evaluating step.

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2 Claim 17 (Original): The method of claim 15, additionally comprising  
3 providing an interface to determine the desired rendering intent.  
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5 Claim 18 (Original): A computer-readable medium having computer  
6 executable instructions thereon which, when executed by a printing system, cause  
7 the printing system to:

8 obtain color space information on the document;  
9 evaluate the color space information and at least two color maps; and  
10 determine which of the at least two color maps will result in a printed  
11 document more consistent with the color space information and a desired  
12 rendering intent.  
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14 Claim 19 (Original): A system, comprising:  
15 a document requirements module, to obtain color space information on a  
16 document; and  
17 an evaluation module to determine which, of at least two color maps  
18 associated with at least one printer, will result in a printed document more  
19 consistent with the color space information and a desired rendering intent.  
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21 Claim 20 (Original): The system of claim 19, additionally comprising:  
22 a preferences interface, to obtain information from a document's author on  
23 the desired rendering intent.  
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2 Claim 21 (Original): The system of claim 19, additionally comprising:  
3 a gamut management module, in communication with the evaluation  
4 module, to organize a gamut library.  
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